ABSTRACT

A method, system and apparatus for processing interactive content off-line in a dynamic system having transient addressability. A method for processing off-line interactive content in a dynamic system with variable addressability can include serving content for caching in a client device; generating a pathway navigation map (PNM) for the served content; and, annotating the served content with endpoint directives for modifying hyperlink behavior referenced by the directives in the cached content. In a preferred aspect of the invention, the generating step can include forming a document tree having a plurality of nodes; assigning each node of the tree to a document in the content accessible through a hyperlink referenced by a parent node; and, disposing within each node a set of hyperlink references to child pages in the content and a reference to a pathway to a root node of the document tree.